

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/AT2004/000382

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H02M7/5387 H02M7/537 H02J3/38 H02M7/48

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02M H02J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC, IBM-TDB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/001210 A1 (KURANUKI MASAOKI ET AL) 3 January 2002 (2002-01-03) figures 2,6,16,18 paragraphs '0007!', '0035!', '0113!', '0127! paragraphs '0155! - '0157!', '0161!', '0185!', '0192!', '0196! - '0198!', '0228! - '0233!', '0425!	1-9
Y	US 2003/012038 A1 (WELCHES RICHARD S ET AL) 16 January 2003 (2003-01-16) figure 1 paragraph '0072!	1-9



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

9 February 2005

Date of mailing of the international search report

21/02/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	PATENT ABSTRACTS OF JAPAN vol. 018, no. 003 (E-1485), 6 January 1994 (1994-01-06) -& JP 05 244775 A (OKUMA MACH WORKS LTD), 21 September 1993 (1993-09-21) abstract; figures 2,3 -----	3
A	CALAIS M ET AL: "Multilevel converters for single-phase grid connected photovoltaic systems: an overview" SOLAR ENERGY, PERGAMON PRESS. OXFORD, GB, vol. 66, no. 5, August 1999 (1999-08), pages 325-335, XP004362671 ISSN: 0038-092X figure 11a page 333, left-hand column, lines 9,10 -----	1,8
A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 02, 26 February 1999 (1999-02-26) -& JP 10 304675 A (YASKAWA ELECTRIC CORP), 13 November 1998 (1998-11-13) abstract; figures 1-4 -----	1-9
A	EP 1 337 033 A (DAIHEN CORPORATION) 20 August 2003 (2003-08-20) abstract figures 4-6 sentences 38-50 -----	1-9
A	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 06, 30 June 1997 (1997-06-30) -& JP 09 047082 A (TOYO ELECTRIC MFG CO LTD), 14 February 1997 (1997-02-14) abstract; figure 1 -----	1-9

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